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NEWS 3 JUL 02 SCISEARCH enhanced with complete author names
NEWS 4 JUL 02 CHEMCATS accession numbers revised
NEWS 5 JUL 02 CA/CAPplus enhanced with utility model patents from China
NEWS 6 JUL 16 CAPplus enhanced with French and German abstracts
NEWS 7 JUL 18 CA/CAPplus patent coverage enhanced
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 9 JUL 30 USGENE now available on STN
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NEWS 11 AUG 06 BEILSTEIN updated with new compounds
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NEWS 13 AUG 13 CA/CAPplus enhanced with additional kind codes for granted patents
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NEWS 15 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 16 AUG 27 USPATOLD now available on STN
NEWS 17 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 18 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 19 SEP 13 FORIS renamed to SOFIS
NEWS 20 SEP 13 INPADOCDB enhanced with monthly SDI frequency
NEWS 21 SEP 17 CA/CAPplus enhanced with printed CA page images from 1967-1998
NEWS 22 SEP 17 CAPplus coverage extended to include traditional medicine patents

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

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SINCE FILE	TOTAL
ENTRY	SESSION
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DICTIONARY FILE UPDATES: 19 SEP 2007 HIGHEST RN 947584-60-3

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=> s PGSGRSA/sqsp
L1 13 PGSGRSA/SQSP

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	29.80	30.01

FILE 'CAPLUS' ENTERED AT 13:21:18 ON 20 SEP 2007
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FILE COVERS 1907 - 20 Sep 2007 VOL 147 ISS 13
FILE LAST UPDATED: 19 Sep 2007 (20070919/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
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<http://www.cas.org/infopolicy.html>

=> s 11
L2 13 L1

=> d ibib 1-13

L2 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:657205 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 145:152687
 TITLE: Supplemented matrixes for the repair of bone fractures
 INVENTOR(S): Schense, Jason; Watson, John; Arrighi, Isabelle
 PATENT ASSIGNEE(S): Kuros Biosurgery A.-G., Switz.
 SOURCE: U.S. Pat. Appl. Publ., 19 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2006148704	A1	20060706	US 2006-327214	20060106
AU 2006204461	A1	20060713	AU 2006-204461	20060106
WO 2006072622	A2	20060713	WO 2006-EP50069	20060106
WO 2006072622	A3	20061123		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM EP 1833522 A2 20070919 EP 2006-707674 20060106 IN 2007CN02997 A 20070907 IN 2007-CN2997 20070705 PRIORITY APPLN. INFO.: US 2005-641715P P 20050106 US 2005-642644P P 20050110 WO 2006-EP50069 W 20060106				

L2 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:1178956 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 143:417035
 TITLE: Insights into genome plasticity and pathogenicity of the plant pathogenic bacterium *Xanthomonas campestris* pv. *vesicatoria* revealed by the complete genome sequence
 AUTHOR(S): Thieme, Frank; Koebnik, Ralf; Bekel, Thomas; Berger, Carolin; Boch, Jens; Buettner, Daniela; Caldana, Camila; Gaigalat, Lars; Goesmann, Alexander; Kay, Sabine; Kirchner, Oliver; Lanz, Christa; Linke, Burkhard; McHardy, Alice C.; Meyer, Folker; Mittenhuber, Gerhard; Nies, Dietrich H.; Niesbach-Kloesgen, Ulla; Patschkowski, Thomas; Rueckert, Christian; Rupp, Oliver; Schneiker, Susanne; Schuster, Stephan C.; Vorhoelter, Frank-Joerg; Weber, Ernst; Puehler, Alfred; Bonas, Ulla; Bartels, Daniela; Kaiser, Olaf
 CORPORATE SOURCE: Institut fuer Genetik, Martin-Luther-Universitaet, Halle, D-06120, Germany
 SOURCE: Journal of Bacteriology (2005), 187(21), 7254-7266
 CODEN: JOBAAY; ISSN: 0021-9193
 PUBLISHER: American Society for Microbiology
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 112 THERE ARE 112 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L2 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:1042277 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 143:353281
 TITLE: Variants of heterooligomeric microbial toxins with novel cell targeting and proteolytic activation behavior for therapeutic use
 INVENTOR(S): Leppla, Stephen H.; Liu, Shi-Hui; Bugge, Thomas H.
 PATENT ASSIGNEE(S): The Government of the United States, as Represented by the Secretary of Health and Human Services, USA
 SOURCE: PCT Int. Appl., 83 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005090393	A2	20050929	WO 2005-US4216	20050209
WO 2005090393	A3	20060608		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2005255083	A1	20051117	US 2005-55557	20050209
PRIORITY APPLN. INFO.:			US 2004-543417P	P 20040209

L2 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:421785 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 142:469183
 TITLE: Heparin-binding growth factor modified protein matrices containing XIIIa substrate domain for tissue repair, regeneration, remodeling and/or drug delivery
 INVENTOR(S): Hubbell, Jeffrey A.; Schense, Jason C.; Sakiyama-Elbert, Shelly E.
 PATENT ASSIGNEE(S): Eidgenossische Technische Hochschule Zurich, Switz.; Universitat Zurich
 SOURCE: U.S., 29 pp., Cont.-in-part of U.S. Ser. No. 141,153, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 7
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6894022	B1	20050517	US 2000-563760	20000501
US 6468731	B1	20021022	US 2000-675922	20000929
US 2003187232	A1	20031002	US 2002-323046	20021217
PRIORITY APPLN. INFO.:			US 1998-141153	B2 19980827
			US 2000-563760	A2 20000501
REFERENCE COUNT:	76	THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L2 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:859423 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 139:359916
 TITLE: Genome of cyanophage S-2L, genes for 2,6-diaminopurine and 2,6-diaminopurine nucleotide biosynthesis, and encoded proteins
 INVENTOR(S): Marliere, Philippe; Kaminski, Pierre Alexandre; Galisson, Frederique; Bouzon, Madeleine; Pochet, Sylvie; Weissenbach, Jean; Saurin, William; Robert, Catherine; Vico, Virginie
 PATENT ASSIGNEE(S): Institut Pasteur, Fr.; Centre National de la Recherche Scientifique CNRS; Genoscope - Centre National de Sequencage
 SOURCE: Fr. Demande, 423 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2839079	A1	20031031	FR 2002-5424	20020430
CA 2483706	A1	20031113	CA 2003-2483706	20030428
WO 2003093461	A2	20031113	WO 2003-FR1328	20030428
WO 2003093461	A3	20040401		
WO 2003093461	A8	20040624		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003249159	A1	20031117	AU 2003-249159	20030428
EP 1499713	A2	20050126	EP 2003-747467	20030428
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 2006270005	A1	20061130	US 2005-510953	20051202
PRIORITY APPLN. INFO.:			FR 2002-5424	A 20020430
			WO 2003-FR1328	W 20030428
REFERENCE COUNT:	8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L2 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:777435 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 139:296919
 TITLE: Growth factor modified protein matrices for tissue repair, regeneration, remodeling and/or drug delivery
 INVENTOR(S): Hubbell, Jeffrey A.; Schense, Jason C.; Sakiyama-Elbert, Shelly E.; Jen, Anna
 PATENT ASSIGNEE(S): Eidgenossische Technische Hochschule Zurich Universitat Zurich, Switz.
 SOURCE: U.S. Pat. Appl. Publ., 38 pp., Cont.-in-part of U.S. Ser. No. 563,760.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 7
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2003187232	A1	20031002	US 2002-323046	20021217
US 6894022	B1	20050517	US 2000-563760	20000501
US 2003166833	A1	20030904	US 2002-325021	20021218
US 7247609	B2	20070724		
JP 2005517658	T	20050616	JP 2003-552958	20021218
MX 2004PA06021	A	20050819	MX 2004-PA6021	20040618
US 2007179093	A1	20070802	US 2007-679807	20070227
PRIORITY APPLN. INFO.:			US 1998-141153	B2 19980827
			US 2000-563760	A2 20000501
			US 2001-24918	A2 20011218
			WO 2002-EP12458	A 20021107
			US 2002-323046	A2 20021217
			US 2002-325021	A1 20021218
			WO 2002-US41114	W 20021218

L2 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:326645 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 138:298934
 TITLE: Nucleic acid and amino acid sequences relating to
 Pseudomonas aeruginosa for diagnostics and
 therapeutics
 INVENTOR(S): Rubenfield, Marc J.; Nolling, Jork; Deloughery, Craig;
 Bush, David
 PATENT ASSIGNEE(S): Genome Therapeutics Corporation, USA
 SOURCE: U.S., 455 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 8
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6551795	B1	20030422	US 1999-252991	19990218
US 6551795	B1	20030422	US 1999-252991	19990218
PRIORITY APPLN. INFO.:			US 1998-74788P	P 19980218
			US 1998-94190P	P 19980727
			US 1999-252991	A 19990218

L2 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:326641 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 138:298932
 TITLE: Nucleic acid and amino acid sequences relating to
 Pseudomonas aeruginosa for diagnostics and
 therapeutics
 INVENTOR(S): Rubenfield, Marc J.; Nolling, Jork; Deloughery, Craig;
 Bush, David
 PATENT ASSIGNEE(S): Genome Therapeutics Corporation, USA
 SOURCE: U.S., 455 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 8
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6551795	B1	20030422	US 1999-252991	19990218
US 6551795	B1	20030422	US 1999-252991	19990218
PRIORITY APPLN. INFO.:			US 1998-74788P	P 19980218
			US 1998-94190P	P 19980727
			US 1999-252991	A 19990218

L2 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:320016 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 138:316745
 TITLE: Imaging the activity of extracellular proteases in cells using mutant anthrax toxin protective antigens that are cleaved by specific extracellular proteases, and diagnostic and drug screening applications
 INVENTOR(S): Bugge, Thomas H.; Leppla, Stephen H.; Liu, Shi-Hui; Mitola, David
 PATENT ASSIGNEE(S): The Government of the United States of America, as Represented by the Secretary of the Department of Health and Human Services, USA
 SOURCE: PCT Int. Appl., 99 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003033648	A2	20030424	WO 2002-US28397	20020905
WO 2003033648	A3	20040617		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG AU 2002359244 A1 20030428 AU 2002-359244 20020905 US 2005123476 A1 20050609 US 2003-488806 20020905 PRIORITY APPLN. INFO.: US 2001-317550P P 20010905 WO 2002-US28397 W 20020905				

L2 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2002:808456 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 137:321282
 TITLE: Use of mouse genes encoding envelope interacting proteins EIP-1 and EIP-3 for gene therapy using retroviral vectors
 INVENTOR(S): Goff, Stephen P.; Li, Xingqiang
 PATENT ASSIGNEE(S): The Trustees of Columbia University In the City of New York, USA
 SOURCE: U.S., 53 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6469153	B1	20021022	US 1998-82358	19980520
PRIORITY APPLN. INFO.:			US 1998-82358	19980520
REFERENCE COUNT:	16	THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L2 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2001:582024 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 135:176459

TITLE: Nucleic acids and their encoded polypeptides from human tissues
 INVENTOR(S): Tang, Y. Tom; Liu, Chenghua; Drmanac, Radoje T.
 PATENT ASSIGNEE(S): Hyseq, Inc., USA
 SOURCE: PCT Int. Appl., 1963 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 127
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001057188	A2	20010809	WO 2001-US3800	20010205
WO 2001057188	A3	20020228		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1574520	A2	20050914	EP 2005-5504	20010202
EP 1574520	A3	20051221		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR			
AU 200143142	A	20010814	AU 2001-43142	20010205
US 2003100746	A1	20030529	US 2002-114500	20020401
US 2004219521	A1	20041104	US 2002-128558	20020422
US 2003224379	A1	20031204	US 2002-243552	20020912
US 2004053245	A1	20040318	US 2003-276774	20030624
US 2005059073	A1	20050317	US 2004-968674	20041019
PRIORITY APPLN. INFO.:			US 2000-496914	A 20000203
			US 2000-560875	A 20000427
			US 2000-488725	A2 20000121
			US 2000-491404	B2 20000125
			US 2000-543774	B1 20000405
			US 2000-552317	B2 20000425
			US 2000-215733P	P 20000628
			US 2000-721115	A 20001122
			WO 2000-US35017	A2 20001222
			US 2001-757562	B2 20010109
			WO 2001-US2623	A2 20010125
			EP 2001-908837	A3 20010202
			US 2001-266614P	P 20010205
			WO 2001-US3800	W 20010205
			WO 2001-US4927	A 20010226
			WO 2001-US4941	A 20010305
			US 2001-802704	B1 20010308
			WO 2001-US8631	A 20010330
			US 2001-282397P	P 20010405
			WO 2001-US8656	A 20010416
			WO 2001-US14827	A 20010516
			US 2001-894912	A1 20010628
			US 2001-322511P	P 20010913
			US 2001-339453P	P 20011211

L2 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2001:565218 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 135:163405
 TITLE: Nucleic acids and their encoded polypeptides from human fetus

INVENTOR(S): Yeung, George; Ford, John E.; Boyle, Bryan J.;
Arterburn, Matthew C.; Drmanac, Radoje A.; Tang, Y.
Tom; Liu, Chenghua; Asundi, Vinod; Zhou, Ping;
Werhman, Tom
PATENT ASSIGNEE(S): Hyseq, Inc., USA; Tang, Y Tom; et al.
SOURCE: PCT Int. Appl., 715 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 127
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001055339	A2	20010802	WO 2001-US2723	20010125
WO 2001055339	A3	20020510		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 200133047	A	20010807	AU 2001-33047	20010125
PRIORITY APPLN. INFO.:				
			US 2000-491404	A 20000125
			US 2000-663870	A 20000915
			US 2000-707351	A 20001106
			WO 2001-US2723	W 20010125

L2 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:228924 CAPLUS <<LOGINID::20070920>>
DOCUMENT NUMBER: 134:265140
TITLE: Mutated anthrax toxin protective antigen proteins that specifically target cells containing high amounts of cell-surface metalloproteinases or plasminogen activator receptors
INVENTOR(S): Leppla, Stephen H.; Liu, Shi-Hui; Netzel-Arnett, Sarah; Hansen-Birkedal, Henning; Bugge, Thomas
PATENT ASSIGNEE(S): Government of the United States of America, as Represented by the Secretary, Department of Health and Human Services, USA
SOURCE: PCT Int. Appl., 77 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001021656	A2	20010329	WO 2000-US26192	20000922
WO 2001021656	A3	20020117		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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CA 2385122	A1	20010329	CA 2000-2385122	20000922

AU 2001025725	A	20010424	AU 2001-25725	20000922
AU 771632	B2	20040401		
EP 1214340	A2	20020619	EP 2000-989184	20000922
EP 1214340	B1	20041124		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
AT 283280	T	20041215	AT 2000-989184	20000922
PT 1214340	T	20050429	PT 2000-989184	20000922
ES 2233495	T3	20050616	ES 2000-989184	20000922
PRIORITY APPLN. INFO.:			US 1999-155961P	P 19990924
			WO 2000-US26192	W 20000922

=> d ibib abs kwic 2

L2 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:1178956 CAPLUS <<LOGINID::20070920>>
 DOCUMENT NUMBER: 143:417035
 TITLE: Insights into genome plasticity and pathogenicity of
 the plant pathogenic bacterium *Xanthomonas campestris*
 pv. *vesicatoria* revealed by the complete genome
 sequence
 AUTHOR(S): Thieme, Frank; Koebnik, Ralf; Bekel, Thomas; Berger,
 Carolin; Boch, Jens; Buettner, Daniela; Caldana,
 Camila; Gaigalat, Lars; Goesmann, Alexander; Kay,
 Sabine; Kirchner, Oliver; Lanz, Christa; Linke,
 Burkhard; McHardy, Alice C.; Meyer, Folker;
 Mittenhuber, Gerhard; Nies, Dietrich H.;
 Niesbach-Kloesgen, Ulla; Patschkowski, Thomas;
 Rueckert, Christian; Rupp, Oliver; Schneiker, Susanne;
 Schuster, Stephan C.; Vorhoelster, Frank-Joerg; Weber,
 Ernst; Puehler, Alfred; Bonas, Ulla; Bartels, Daniela;
 Kaiser, Olaf
 CORPORATE SOURCE: Institut fuer Genetik, Martin-Luther-Universitaet,
 Halle, D-06120, Germany
 SOURCE: Journal of Bacteriology (2005), 187(21), 7254-7266
 CODEN: JOBAAY; ISSN: 0021-9193
 PUBLISHER: American Society for Microbiology
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The gram-neg. plant-pathogenic bacterium *Xanthomonas campestris* pv.
vesicatoria is the causative agent of bacterial spot disease in pepper and
 tomato plants, which leads to economically important yield losses. This
 pathosystem has become a well-established model for studying bacterial
 infection strategies. The whole-genome sequence of the pepper-pathogenic
Xanthomonas campestris pv. *vesicatoria* strain 85-10, which comprises a
 5.17-Mb circular chromosome and four plasmids, is presented. The genome
 has a high G + C content (64.75%) and signatures of extensive genome
 plasticity. Whole-genome comparisons revealed a gene order similar to
 both *Xanthomonas axonopodis* pv. *citri* and *Xanthomonas campestris* pv.
campestris and a structure completely different from *Xanthomonas oryzae*
 pv. *oryzae*. A total of 548 coding sequences (12.2%) are unique to *X.*
campestris pv. *vesicatoria*. In addition to a type III secretion system,
 which is essential for pathogenicity, the genome of strain 85-10 encodes
 all other types of protein secretion systems described so far in gram-neg.
 bacteria. Remarkably, one of the putative type IV secretion systems
 encoded on the largest plasmid is similar to the Icm/Dot systems of the
 human pathogens *Legionella pneumophila* and *Coxiella burnetii*. Comparisons
 with other completely sequenced plant pathogens predicted six novel type
 III effector proteins and several other virulence factors, including
 adhesins, cell wall-degrading enzymes, and extracellular polysaccharides.
 The genome sequences are deposited in GenBank/EMBL/DDBJ under accession
 nos. AM039952 (chromosome), AM039948 (plasmid pXCV2), AM039949 (pXCV19),
 AM039950 (pXCV38), and AM039951 (pXCV183).

REFERENCE COUNT: 112 THERE ARE 112 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

IT	868336-86-1	868336-87-2	868336-88-3	868336-89-4	868336-90-7
	868336-91-8	868336-92-9	868336-93-0	868336-94-1	868336-95-2
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RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(amino acid sequence; insights into genome plasticity and pathogenicity
of the plant pathogenic bacterium *Xanthomonas campestris* pv.
vesicatoria revealed by the complete genome sequence)

=> d ibib abs kwic 3

L2 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:1042277 CAPLUS <<LOGINID::20070920>>

DOCUMENT NUMBER: 143:353281

TITLE: Variants of heterooligomeric microbial toxins with

novel cell targeting and proteolytic activation
behavior for therapeutic use

INVENTOR(S): Leppla, Stephen H.; Liu, Shi-Hui; Bugge, Thomas H.
PATENT ASSIGNEE(S): The Government of the United States, as Represented by
the Secretary of Health and Human Services, USA
SOURCE: PCT Int. Appl., 83 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005090393	A2	20050929	WO 2005-US4216	20050209
WO 2005090393	A3	20060608		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005255083	A1	20051117	US 2005-55557	20050209
PRIORITY APPLN. INFO.:			US 2004-543417P	P 20040209
AB Methods of modifying heterooligomeric bacterial toxins for therapeutic use are described. The methods involve two modifications of which one is substituting the targeting domain of the target binding subunit to give it a novel cell- or tissue-specificity. The second modification involves changing the proteinase cleavage site of one of the subunits to make it activatable by a novel proteinase, such as one found in the target tissue. In the case of anthrax toxin, where the protective antigen forms a heptamer, more than one variant with a different activation cleavage site can be used. This would limit the formation of the active heptamer to tissues where all the necessary proteinases are present. The development of variants of protective antigen requiring proteolytic activation by a matrix metalloproteinase, urokinase, or furin is demonstrated. Use of these variants in combination to create a heptamer capable of binding lethal factor and killing host cells is demonstrated.				
IT 331809-95-1D, toxin subunits containing 331809-96-2D, toxin subunits containing 865709-50-8D, toxin subunits containing 865709-51-9D, toxin subunits containing RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence, proteinase cleavage site; variants of heterooligomeric microbial toxins with novel cell targeting and proteolytic activation behavior for therapeutic use)				
IT 865733-10-4 865733-12-6 865733-14-8 865733-16-0 865733-18-2 865733-20-6 RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; variants of heterooligomeric microbial toxins with novel cell targeting and proteolytic activation behavior for therapeutic use)				
IT 865735-56-4 865735-58-6 865735-60-0 865735-61-1 RL: PRP (Properties) (unclaimed protein sequence; variants of heterooligomeric microbial toxins with novel cell targeting and proteolytic activation behavior for therapeutic use)				

=> d ibib abs kwic 4

L2 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:421785 CAPLUS <<LOGINID::20070920>>
DOCUMENT NUMBER: 142:469183
TITLE: Heparin-binding growth factor modified protein
matrices containing XIIIa substrate domain for tissue
repair, regeneration, remodeling and/or drug delivery
INVENTOR(S): Hubbell, Jeffrey A.; Schense, Jason C.;
Sakiyama-Elbert, Shelly E.
PATENT ASSIGNEE(S): Eidgenossische Technische Hochschule Zurich, Switz.;
Universitat Zurich
SOURCE: U.S., 29 pp., Cont.-in-part of U.S. Ser. No. 141,153,
abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6894022	B1	20050517	US 2000-563760	20000501
US 6468731	B1	20021022	US 2000-675922	20000929
US 2003187232	A1	20031002	US 2002-323046	20021217
PRIORITY APPLN. INFO.:			US 1998-141153	B2 19980827
			US 2000-563760	A2 20000501

AB Proteins are incorporated into protein or polysaccharide matrixes for use in tissue repair, regeneration and/or remodeling, and/or drug delivery. The proteins can be incorporated so that they are released by degradation of the matrix, enzymic action, and/or diffusion. As demonstrated by the examples, one method is to bind heparin to the matrix by either covalent or non-covalent methods, to form a heparin-matrix. The heparin then non-covalently binds heparin-binding growth factors to the protein matrix. Alternatively, a fusion protein can be constructed which contains a crosslinking region such as a factor XIIIa substrate and the native protein sequence. Degradable linkages may be included between the crosslinking region and the bioactive factor. Incorporation of degradable linkages between the matrix and the bioactive factors can be particularly useful when long-term drug delivery is desired, for example in the case of nerve regeneration, where it is desirable to vary the rate of drug release spatially as a function of regeneration, e.g. rapidly near the living tissue interface and more slowly farther into the injury zone. Addnl. benefits include the lower total drug dose within the delivery system, and spatial regulation of release which permits a greater percentage of the drug to be released at the time of greatest cellular activity.

REFERENCE COUNT: 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 37520-01-7DP, fusion products 109081-50-7DP, fusion products
607679-51-6DP, fusion products 607679-52-7DP, fusion products
607679-53-8DP, fusion products 607679-54-9DP, fusion products
607679-55-0DP, fusion products 607679-56-1DP, fusion products
RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP
(Preparation); USES (Uses)
(amino acid sequence, protease substrate; heparin-binding growth factor
modified protein matrixes containing XIIIa substrate domain for tissue
repair, regeneration, remodeling and/or drug delivery)

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST	ENTRY 27.20	SESSION 57.21
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.34	-2.34

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STRUCTURE FILE UPDATES: 19 SEP 2007 HIGHEST RN 947584-60-3
 DICTIONARY FILE UPDATES: 19 SEP 2007 HIGHEST RN 947584-60-3

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> S 607679-56-1/RN

L3 1 607679-56-1/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
 SET COMMAND COMPLETED

=> D L3 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y
 THE ESTIMATED COST FOR THIS REQUEST IS 6.55 U.S. DOLLARS
 DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 607679-56-1 REGISTRY
 CN Glycine, L-prolylglycyl-L-serylglycyl-L-arginyl-L-seryl-L-alanyl-L-seryl-
 (9CI) (CA INDEX NAME)

OTHER NAMES:
 CN 17: PN: US20060148704 SEQID: 17 claimed protein
 CN 9: PN: US20030187232 SEQID: 9 unclaimed sequence
 CN 9: PN: US6894022 SEQID: 9 claimed sequence
 FS PROTEIN SEQUENCE; STEREOSEARCH
 SQL 9

PATENT ANNOTATIONS (PNTE):
 Sequence |Patent
 Source |Reference
 =====+=====

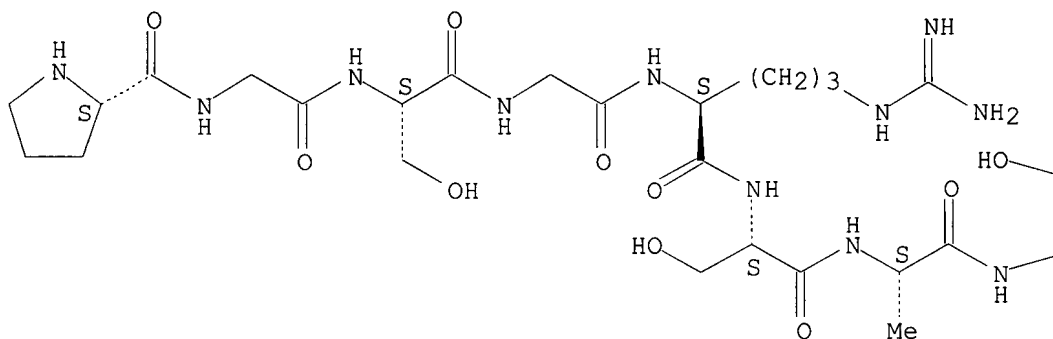
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	unclaimed

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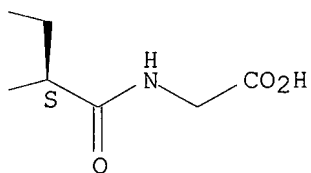
SEQ 1 PGSGRSASG
MF C29 H50 N12 O13
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES (Uses)
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); PRP (Properties); USES (Uses)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

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=> d his

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L1 FILE 'REGISTRY' ENTERED AT 13:20:57 ON 20 SEP 2007
13 S PGSGRSA/SQSP

L2 FILE 'CAPLUS' ENTERED AT 13:21:18 ON 20 SEP 2007
13 S L1

L3 FILE 'REGISTRY' ENTERED AT 13:24:28 ON 20 SEP 2007
1 S 607679-56-1/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

=> s 13 adn 12
MISSING OPERATOR

=> s 13 and 12
L4 1 L3 AND L2

=> d sql seq

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
SQL 9

SEQ 1 PGSGRSASG
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HITS AT: 1-7

=>

---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	13.47	70.68
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.34